

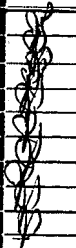
PLEASE NOTE -

\* Copies not attached as previously submitted to or cited by the USPTO in parent application US 10/160,273

PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0851-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/698 412
		Filing Date	11/63/2003
		First Named Inventor	Kia Silverbrook
		Art Unit	2853
		Examiner Name	Juanita D. Stephens
Sheet 1 of 7	Attorney Docket Number	YU191US	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-1,941,001 *	01.1929	Hansell	346/197
		US-3,596,275 *	07.27.1971	Sweet	347/194
		US-3,373,437 *	03.12.1968	Sweet et al	347/194
		US-3,946,398 *	03.23.1976	Kyser et al	347/194
		US-3,683,212 *	08.08.1972	Zoltan	310/328
		US-3,747,120 *	07.17.1973	Stemme	347/170
		US-4,459,601 *	07.10.1984	Howkins	347/168
		US-4,584,590 *	04.22.1986	Fischbeck et al	347/169
		US-4,490,728 *	12.25.1984	Vaught et al	347/160
		US-4,899,181 *	02.06.1990	Hawkins et al	347/163
		US-6,416,167 *	07.09.2002	Silverbrook	347/154
		US-5,719,604 *	02.17.1998	Inui et al	347/154
		US-5,666,141 *	09.09.1997	Matoba et al	347/154
		US-4,672,398 *	06.09.1987	Kuwabara et al	347/148
		US-4,737,802 *	04.12.1988	Mielke	347/154
		US-5,029,805 *	07.09.1991	Albarda et al	251/11
		US-5,258,774 *	11.02.1993	Rogers	347/140
		US-4,553,393 *	11.19.1985	Ruoff	60/528
		US-4,864,824 *	09.12.1989	Gabriel et al	60/528
		US-4,423,401 *	12.27.1983	Mueller	337/189
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		GB 2 007 162 *	05.16.1979	Canon K K		
		EP 0 713 774 *	05.29.1996	Sharp Kabushiki Kaisha		
		DE-195-16 997 *	11.16.1995	Sharp K.K.		
		DE 196 23 620 *	12.19.1996	Sharp K.K.		
		JP 2-108544 (Abstract) *	04.20.1990	Seiko Epson Corp.		
		JP 2-92643 (Abstract) *	04.03.1990	Seiko Epson Corp.		
		JP 4-353458 (Abstract) *	12.08.1992	Brother Ind Ltd		
		JP 6-91865 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 6-91866 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 2-265752 (Abstract) *	10.30.1990	Matsushita Electronic Ind	Co Ltd	
		EP 0 834 273 *	01.18.1995	Sharp Kabushiki Kaisha		

Examiner Signature	Juanita D. Stephens	Date Considered	2/20/05
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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/698412
				Filing Date	11/03/2003
				First Named Inventor	Kia Silverbrook
				Art Unit	2853
				Examiner Name	Suanita Stephens
				Attorney Docket Number	YU191US
Sheet	2	of	7		

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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
[Handwritten marks]		DE 195 32 913 *	03.28.1996	Sharp K.K	
		JP 58 112747 (Abstract) *	07.05.1983	Fujitsu KK	
		DE 43-28 433 *	03.02.1995	Heidelberger Druckmaschinen AG	
		JP 61.025849 (Abstract) *	02.04.1986	Canon Inc.	
		JP 01 128839 (Abstract) *	05.22.1989	Ricoh Co Ltd	
		JP 04 126255 (Abstract) *	04.27.1992	Seiko Epson Corp.	
		GB 2 262 152 *	06.09.1993	Willet Int Ltd	
		DE 195 16 997 *	11.18.1995	Sharp K.K	
		JP 05 318724 (Abstract) *	12.03.1993	Seiko Epson Co Ltd	
		JP 02 162049 (Abstract) *	06.21.1990	Seiko Epson Corp.	
		DE 32 45 283 *	06.07.1984	Siemens AG	
		JP 04 368851 (Abstract) *	12.21.1992	Seiko Epson Corp	

Examiner Signature	<i>Granite D. Doyles</i>	Date Considered	<i>2/20/05</i>
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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/698,412
				Filing Date	11/03/2003
				First Named Inventor	Kia Silverbrook
				Art Unit	2853
				Examiner Name	Juanita D. Stephens
				Attorney Docket Number	YU191US
Sheet	3	of	7		

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FOREIGN PATENT DOCUMENTS						
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		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		JP 02 158348 (Abstract) *	08.18.1990	Minolta Camera Co Ltd	—	
		JP 03 112662 (Abstract) *	05.14.1991	Seiko Epson Corp	—	
		JP 03 65348 (Abstract) *	03.20.1991	Matsushita Electric Ind Co	—	
		EP 0 431 338 *	06.12.1991	Matsushita Electric Ind Co	—	
		JP 01 257058 *	10.13.1989	Seiko Epson Corp	—	
		DE 195 17 969 *	11.30.1995	Sharp K.K	—	
		DE 196 39 717 *	04.17.1997	Sharp K.K	—	
		EP 0 737 580 *	10.16.1996	Canon K.K	—	
		EP 0 882 590 *	12.09.1998	Canon K.K	—	
		EP 0 478 956 *	04.08.1992	Kernforschungs- Karlsruhe GmbH	—	
		DE 1 648 322 *	03.24.1971	VDO Tachometerwerke GmbH	—	
		GB 1 428 239 *	03.17.1976	Cibie Projecteurs	—	

Examiner Signature	<i>Pranita D. Poythres</i>	Date Considered	<i>2/20/05</i>
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		DE 39 34 280 *	04.26.1990	CAE di Cipelletti Alberto		
		DE 29 05 063 *	08.14.1980	Olympia Werke AG		
		WO 94.180.10 *	08.18.1994	Domino Printing Sciences PLC		
		EP 0 398 031 *	11.22.1990	Seiko Epson Corp		
		EP 0 427 291 *	05.15.1991	Seiko Epson Corp		
		JP 01 115639 (Abstract) *	05.08.1989	Ricoh Co Ltd		
		JP 58 116165 (Abstract) *	07.11.1983	Canon KK		
		EP 0 627 314 *	12.07.1994	Olivetti Canon Ind SPA		
		JP 61 268453 (Abstract) *	11.27.1986	Olympus Optical Co Ltd		
		JP 04 118241 (Abstract) *	04.20.1992	Seiko Epson Corp		
		EP 0 506 232 *	09.30.1992	Videojet Systems Int, Inc		
		JP 07 314665 (Abstract) *	12.05.1995	Canon Inc		

Examiner Signature	<i>Janita D. Dyer</i>	Date Considered	2/20/05
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Substitute for form 1449A/PTO  <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 5px 0;">(use as many sheets as necessary)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Sheet</td> <td style="width: 15%; text-align: center;">5</td> <td style="width: 15%;">of</td> <td style="width: 15%; text-align: center;">7</td> </tr> </table>				Sheet	5	of	7	<h3 style="text-align: center; margin: 0;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/698,412</td> </tr> <tr> <td>Filing Date</td> <td>11/03/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Kia Silverbrook</td> </tr> <tr> <td>Art Unit</td> <td>2853</td> </tr> <tr> <td>Examiner Name</td> <td>Juanita Stephens</td> </tr> <tr> <td>Attorney Docket Number</td> <td>YU191US</td> </tr> </table>				Application Number	10/698,412	Filing Date	11/03/2003	First Named Inventor	Kia Silverbrook	Art Unit	2853	Examiner Name	Juanita Stephens	Attorney Docket Number	YU191US
Sheet	5	of	7																				
Application Number	10/698,412																						
Filing Date	11/03/2003																						
First Named Inventor	Kia Silverbrook																						
Art Unit	2853																						
Examiner Name	Juanita Stephens																						
Attorney Docket Number	YU191US																						

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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
[Handwritten marks]		JP 03 180350 *	08.06.1991	Seiko Epson Corp.		
		WO 97 12689 *	04.10.1997	The Board of Trustees of the Leland		
		JP 02 050841 (Abstract) *	02.20.1990	Stanford University		
		EP 0 510 648 *	10.28.1992	Seiko Epson Corp.		
		JP 05 284765 (Abstract) *	10.29.1993	Nri Yehuda		
		JP 04 141429 (Abstract) *	05.14.1992	Canon Inc		
		JP 01 105748 (Abstract) *	04.24.1989	Seiko Epson Corp.		
		GB 792 145 *	03.19.1958	Reich Co. Ltd		
		EP 0 750 993 *	01.02.1997	Technograph Printed Circuits Ltd		
		JP 01 306254 (Abstract) *	12.11.1989	Canon K.K		
		EP 0 092 229 *	10.28.1983	Seiko Epson Corp.		
				Siemens AG		

Examiner Signature	<i>Janita Hester</i>	Date Considered	2/20/05
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/698,912
		Filing Date	11/03/2003
		First Named Inventor	Kia Silverbrook
		Group Art Unit	2853
		Examiner Name	Susanita D. Stephens
Sheet 7	of 7	Attorney Docket Number	YU191US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier Sequoia S.A., Lausanne, Vol-55, no. 1, 15-July-1996, pp 65-69, XP004077979 ISSN: 0924-4247. *	
		ATAKA, MANABU et al, "Fabrication and Operation of Polyimide-Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157. *	
		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January-1994, pp-142-147, XP000528408, ISBN: 0-7803-1834-X. *	

Examiner Signature		Date Considered	2/20/05
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